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6 SPECIAL DATA COLLECTION SYSTEM EVENT REPORT,
Northeastern China, 27 July 1976.

9 Technical rept.,

10 M. S./Dawkins & M. D./Gillispie
Alexandria Laboratories

Teledyne Geotech, 314 Montgomery Street, Alexandria, Virginia 22314

11 Nov 1977

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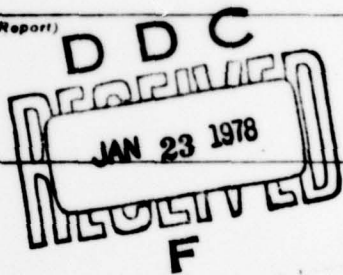
312 Montgomery Street, Alexandria, Virginia 22314

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Unclassified

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)		

Northeastern China, 27 July 1976,

	"p" Arrival	Origin Time	Lat.	Long.	m_b	M_s
NORSAR	19:53:24.5	19:42:53.0	39.9N	119.8E	6.5	N/A
Hagfors	19:53:19.5	19:43:15.0	42.0N	114.0E	5.8	N/A

All SDCS stations were operational during this period.

Scaling factors on plots are millimicrons at 1 Hz (not corrected for instrument response)

ACCESSION for	
NTIS	White Section <input checked="" type="checkbox"/>
DDC	B. II Section <input type="checkbox"/>
HANDLING NO. <input type="checkbox"/> 3-1001-1-1	
DISSEMINATION AND AVAILABILITY CODES	
SPECIAL	
A	

STATION DESCRIPTION

SITE CODE	LOCATION	SITE COORDINATES DEG MN SECS	ELEVATION METERS	INSTRUMENTATION	
				SHORT-PERIOD	LONG-PERIOD
CPS0	McMinnville, Tennessee	35 35 41.4 N 085 34 13.5 W	574	6480 V 7515 H	SL210 V SL220 H
FN-WV	Franklin, West Virginia	38 32 58.0 N 079 30 47.0 W	910	KS36000	KS36000
LASA	Billings, Montana	46 41 19.0 N 106 13 20.0 W	744	HS10	7505A V 8700C H
HN-ME	Houlton, Maine	46 09 43.0 N 067 59 09.0 W	213	KS36000	KS36000
NORSAR	Kjeller, Norway	60 49 25.4 N 010 49 56.5 E	379	HS10	7505A V 8700C H
RK-ON	Red Lake, Ontario	50 50 20.0 N 093 40 20.0 W	366	18300	SL210 V SL220 H
WH2YK	White Horse, Yukon	60 41 41.0 N 134 58 02.0 W	853	18300	SL210 V SL220 H

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DATA SUMMARY

27 JUL 76 Northeastern China

STA.	PHASE	ARRIVAL TIME	INST	PER	A/T	MAGNITUDE		DIR	DIST
						MB	MS		
NAO	EP	19 53 24.5	AB	99.9	9999.				64.3
WH2YK	EP	19 53 27.1	SPZ	1.1	74.	5.57			64.6
LAO	EP	19 55 31.7	SAB	99.9	9999.				
RK-ON	EP	19 55 30.5	SPZ	0.8	14.	4.79			86.5
HN-ME	EP	19 56 14.2	SPZ	0.9	127.	6.02			95.1
FN-WV*	EP	19 56 36.3	SPZ	0.9	8.	4.93			101.3
CPO *	EP	19 56 49.7	SPZ	0.8	23.	5.54			102.8

ORIGIN	LAT.	LONG.	DEPTH (KM)	MAG	SDV	STA
19:43:08.4	39.549N	117.637E	126. CALC	5.22	0.71	3
19:42:48.9	38.755N	117.622E	0. REST	5.46	0.62	3

Signal arrivals at CPO(CPSO) and FN-WV were considered to be P diffracted and were therefore not used in the calculations for hypocenter determination and average MB.

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DATA SUMMARY

27 JUL 76 Northeastern China

STA.	PHASE	ARRIVAL TIME	INST	PER	A/T	MAGNITUDE		DIR	DIST
						MB	MS		
NAO	EP	19 53 24.5	AB	1.1	1293.	6.81			64.3
WH2YK	EP	19 53 27.1	SPZ	1.0	670.	6.53			64.6
LAO	EP	19 55 31.7	SAB	99.9	9999.				
RK-ON	EP	19 55 30.5	SPZ	0.7	209.	5.97			86.5
HN-ME	EP	19 56 14.2	SPZ	1.2	1098.	6.95			95.1
FN-WV*	EP	19 56 36.3	SPZ	1.1	46.	5.69			101.3
CPO *	EP	19 56 49.7	SPZ	1.3	104.	6.20			102.8

ORIGIN	LAT.	LONG.	DEPTH (KM)	MAG	SDV	STA
19:43:08.4	39.549N	117.637E	126. CALC	6.30	0.50	4
19:42:48.9	38.755N	117.622E	0. REST	6.56	0.44	4

WH2YK 27 JUL 76

②

19:53:27.1

①

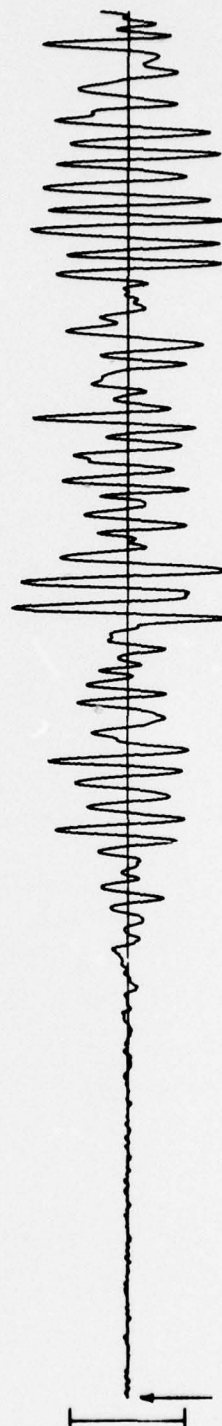
SPZ
396.00 MU



SPR
320.00 MU



SPT
203.00 MU

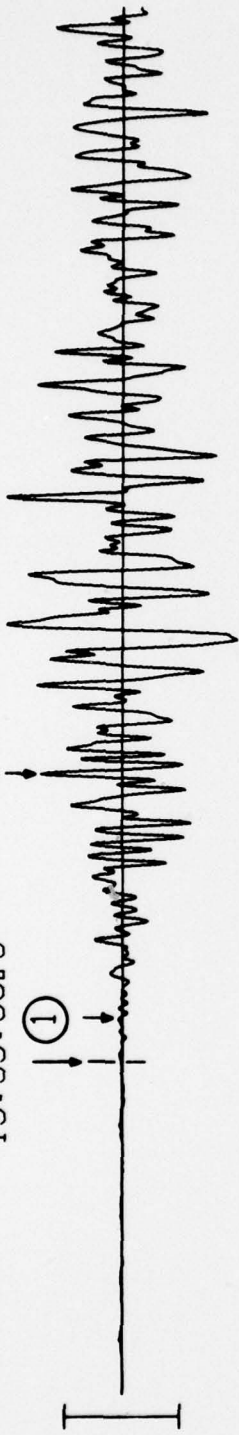


19:53:15.0

10 SEC.

RK-ON 27 JUL 76
19:55:30.5

②



SPR 104.00 MU

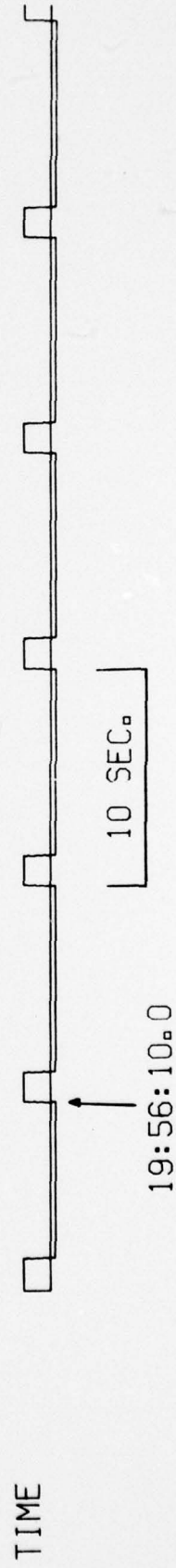
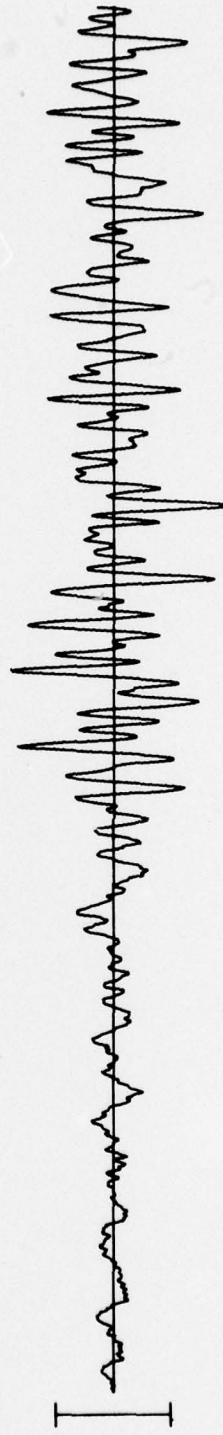
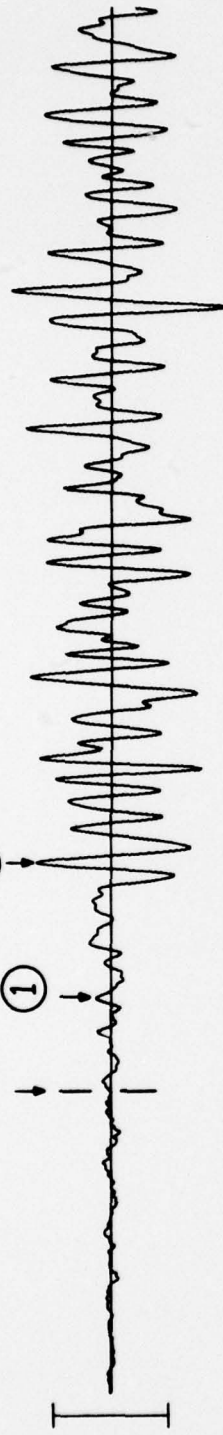


SPT 61.00 MU

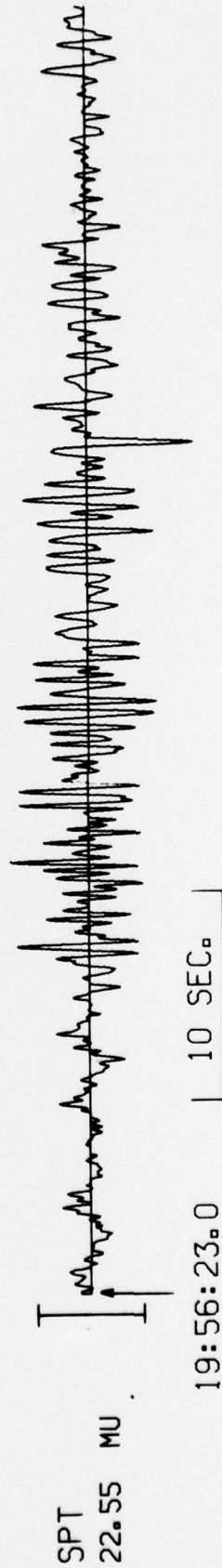
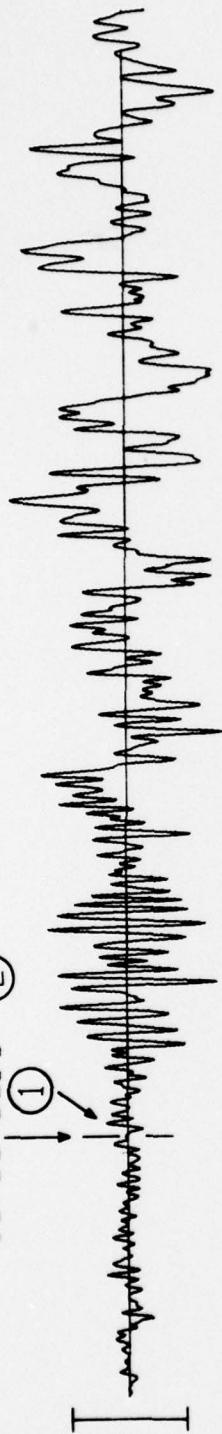


19:55:16.0 10 SEC.

HN-ME 27 JUL 76
19:56:14.2



FN-WV 27 JUL 76
19:56:30.3 ②



CPSO 27 JUL 76

19:56:49.7 ②



19:56:41.0

10 SEC.